

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3912052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIN REN	04/28/2014
KEN QING YANG	04/28/2014
GREGORY EVAN FEDYNYSHYN	04/28/2014
RECEIVING PARTY DATA	
Name:	HGST NETHERLANDS B.V.
Street Address:	HERIKERBERGWEG 328
Internal Address:	LUNA ARENA
City:	AMSTERDAM
State/Country:	NETHERLANDS
Postal Code:	1101 CM
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15081064
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	2202374.207 US2
NAME OF SUBMITTER:	MICHAEL E. CONNORS
SIGNATURE:	/Michael E. Connors/
DATE SIGNED:	06/10/2016
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, **Jin Ren**, being a citizen of China, residing at 7 Fairway Road, Acton, Massachusetts 01720; **Ken Qing Yang**, being a citizen of the United States of America, residing at 35D Meadow Tree Farm Road, Saunderstown, Rhode Island 02974; and **Gregory Evan Fedynyshyn**, being a citizen of the United States of America, residing at 32 Atkinson Lane, Sudbury, Massachusetts 01776 (collectively the “Assignor”), are inventors of certain new and useful inventions and discoveries, for which Assignor has made an application for Letters Patent entitled “SYSTEMS AND METHODS FOR CACHE COHERENCE PROTOCOL”, also identified as Attorney Docket Number 2202374.00207US1, which patent application has been filed in the United States Patent and Trademark Office; and

WHEREAS, **HGST Netherlands B.V.**, whose business address is Herikerbergweg 328, Luna ArenA, Amsterdam, 1101 CM, Netherlands, and which, together with its successors and assigns is hereinafter called “Assignee,” is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by Assignee to Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor hereby, without reservations agree to:

Assign, transfer, and convey to Assignee the Assignor’s entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under International Conventions or otherwise;

Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to Assignee or otherwise as Assignee may direct;

Warrant that the Assignor has not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that Assignor has good right to assign the same to Assignee without encumbrance;

Bind Assignor and Assignor's heirs and legal representatives, without further consideration, to cooperate with Assignee in the prosecution of said application for Letters Patent and any and all other applications for Letters Patent on said inventions and discoveries, execute, verify, acknowledge and deliver all such further papers, including any and all other applications for Letters Patent on said inventions and discoveries, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the inventions and discoveries, to obtain or maintain or enforce said Letters Patent for the inventions and discoveries and improvements therein in any and all countries and to vest title thereto in Assignee. Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce said Letters Patent for the inventions and discoveries and improvements therein in any and all countries and to vest title thereto in Assignee.

U.S.S.N. TBA
 Attorney Docket No: 2202374.00207US1

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28 day of April, 2014 (Month/Year).

Jin Ren
 Jin Ren

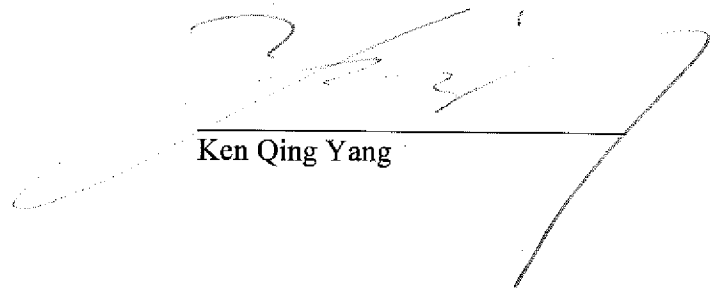
Commonwealth of Massachusetts)
) ss.
 County of)

Personally appeared before me this _____ day of _____, the above-named Jin Ren, who acknowledged that he executed the foregoing instrument as his free act and deed.

 Notary Public

My Commission expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28 day of April, 2014 (Month/Year).



Ken Qing Yang

State of Rhode Island)
) ss.
County of)

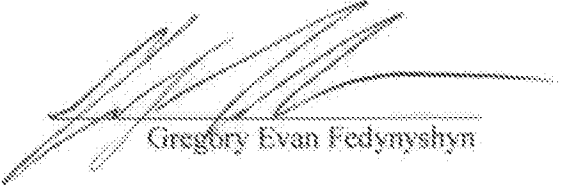
Personally appeared before me this _____ day of _____, _____, the above-named Ken Qing Yang, who acknowledged that he executed the foregoing instrument as his free act and deed.

Notary Public

My Commission expires:

U.S.S.N. TBA
Attorney Docket No: 2202374.00207US1

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28 day of April 2014 (Month/Year).



Gregory Evan Fedynyshyn

Commonwealth of Massachusetts)
) ss.
County of)

Personally appeared before me this _____ day of _____, the above-named Gregory Evan Fedynyshyn, who acknowledged that he executed the foregoing instrument as his free act and deed.

Notary Public

My Commission expires: